

International Peer Review Committee Evaluating Applications

Networks of Centres of Excellence Program

An international peer review committee has been named to evaluate applications to the Networks of Centres of Excellence program. The 22-member group act under the chairmanship of Art Smith, former head of the Science Council of Canada. Of the 158 applications

submitted, 12 would be administratively based at the University of Alberta, and another 60 would include U of A researchers.

The peer review committee has met, each application has been assigned to two committee members for initial review, and

network participants are being scheduled for interviews with committee members. Ad hoc committees, chosen for their specific scientific expertise, will further examine the best proposals identified by the initial review. The committee plans to forward its conclusions to the Minister of

Science and Technology by the end of April. Their conclusions will be made public.

In a telephone interview last week, Dr. Smith said the committee decided against issuing a short list. He said, "Anyone getting a call about a site visit can conclude that they are still very seriously in the running. But the fact that someone hasn't got a call yet does not necessarily mean that they are out of the running."

An additional Minister's advisory committee is assisting the peer review committee with procedural guidelines, and will advise the Minister on final selections. Decisions are expected to be announced in June, and distribution of money probably will begin in October.

Dr. Smith noted that the review

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FOLIO

University of Alberta

9 February 1989

Board of Governors: New Appointments, Reappointments, SSHRC Awards, Visitors

The University's Board of Governors met on 3 February. Among the agenda items dealt with were the following.

The Educational Affairs Committee reported a trio of reappointments, namely Fred Otto, Dean of Engineering, Douglas Wilson, Dean of Medicine, and Richard Peter, Chair, Department of Zoology. The reappointments of Drs. Otto and Wilson are for five years, effective 1 July 1989. Dr. Peter's reappointment is for five years, effective 1 July 1990. (He will be on a special leave from 1 July 1989 to 30 June 1990.)

In a break from tradition, the term of office for Department Chairs in the Faculty of Engineering will be four years rather than three.

Forget the designation "room 023" at Faculté Saint-Jean. It's now "Salle Durocher" in honor of Father Georges E. Durocher, the first librarian at the Faculté. "Salle Durocher" contains Library Special Collections.

Acting on a recommendation from its Finance Committee, the Board approved the establishment of a \$10 fee for returned cheques. The Office of the Comptroller, it was noted, incurs costs for the approximately 350 cheques that are returned each year.

New Member

Yurko, Chair of AOSTRA (Alberta Oil Sands Technology and Research Authority), was introduced to the Board by John

Schlosser. Mr. Yurko is the Senate representative on the Board, succeeding Bonnie Kerr.

President's Report

President Myer Horowitz announced that, effective immediately, Brian Silzer's position is that of Associate Vice-President and Registrar.

He also reported that the term of office of Vice-President (Academic) Peter Meekison has been extended to 30 June 1990.

J.B. McQuitty, Associate Vice-President (Facilities), is retiring next year; he will take administrative leave at the end of the current academic year, Dr. Horowitz stated. Don Bellow, former Chair of the Department of Mechanical Engineering and a recent president of APEGGA (Association of Professional Engineers, Geologists and Geophysicists of Alberta), will succeed Dr. McQuitty.

"I thought that during my terms as President I'd made every kind of decision at least once but I hadn't," Dr. Horowitz commented with regard to the cancellation of classes on 31 January. He solved his motoring dilemma by staying in residence overnight.

As a member of the Corporate Higher Education Forum, Dr. Horowitz said he has often voiced dissatisfaction with the lack of representation from Western Canada and the Forum's practice of holding meetings in Central

Canada. His complaints didn't go unnoticed. The 1989 meeting will be held on campus 15 to 17 May, and the discussions will range further afield than usual. For example, the theme for 16 May will be "International Business Education" (there will be a pronounced Western flavor).

The President also announced the appointment of five more McCalla Professors: Gerald Redmond (Physical Education and Sport Studies), Robert Brown (Chemistry), Jurgen Franck (Physics), Ernest Kanasewich (Physics), and William Samuel (Zoology).

Forty Canada Research Fellowships have been awarded by the Social Sciences and Humanities Research Council. Each fellowship awarded in this the third competition is valid for three years and is worth \$35,000 a year, plus a \$4,000 research allowance. One half of the fellowship is paid by SSHRC, and the balance is paid by the sponsoring university with funds collected from the private sector.

In terms of number of fellowships awarded, the University of Alberta, with six, ranked second (29 Canadian universities nominated candidates) to York University, with nine.

Fellowship holders are: Neil Cuddy (History), Ceinwen Cumming (Psychology), Norman Ingram (History), Nasrin Rahimieh (Comparative Literature), Frances

Swyripa (History), and Richard Troeger (Fine Arts).

The Faculty of Library and Information Studies has received full accreditation from the international accreditation body located in the United States. "It's very satisfying that the Faculty is recognized beyond the University," Dr. Horowitz said.

GSA Lines Up Russell, Pocklington

Graduate Students' Association President Dwayne Barber announced that Dave Russell (15 February) and Peter Pocklington (early March) will lecture on campus under the auspices of the GSA's Speaker Series. □

Contents

- CITL session considers 'enriched major'
- 'Letters'
- Elsie Eftoda and staff make 'em (cinnamon buns) plenty good
- South LRT's progress



CITL Panelists Favor 'Enriched Major' Concept

Renowned educator Ernest Boyer's idea of an "enriched major" drew special praise from the panelists at the 1 February CITL session, "The University: A House Divided?" a discussion of Dr. Boyer's book, *College: The Undergraduate Experience in America*.

Dr. Boyer was there, not in the flesh, but on tape. Moderator Wilfred Canning (St. Joseph's College) began the session with a video of a colloquium at Harvard on Dr. Boyer's study.

On the tape, Dr. Boyer suggested individual departments themselves blend general and specialized education through an enriched major which places students' specialties in historical, social and ethical context. He also spoke about the centrality of language proficiency to effective undergraduate education; proposed evaluation measure students' ability to integrate, analyze and apply knowledge; and suggested colleagues consider a term of community service to improve the quality of campus life. He called for better communication between

administrators and faculty and urged college educators to advance the school reform movement at all levels of the system.

Other speakers discussed student and faculty alienation in large universities; reward for teaching and research; university goals, including discovery of new knowledge and the preparation of students for professions and public service; and the need for new university policies to recapture a traditional sense of "quest".

After the tape, CITL panelist Bruce Miller (Religious Studies) applauded the "enriched major" as a way of helping students experience the joy of learning. However, he expressed concern about the list of reasons or goals of universities cited in the video. To these, he added "the quest for meaning and ideas which we don't always have reasons for pursuing," asking, "Do we see a selling out to one view of reason, technological reason?"

He sees his own role at University as that of "infiltrator, double agent," filling a "need to be

open to ideas . . . that tend to be marginalized."

Commenting on Dr. Boyer's report, Wallace Platt (President, St. Joseph's College) liked the "enriched major" as a way of drawing together students' knowledge from different fields and fostering their understanding of the relationship of disciplines.

Reverend Platt reviewed the preceding 'film' as "not as good as the book" which placed more emphasis on undergraduates' reading and writing proficiency. "We give it lip-service . . . but until we get to that obsession with having students express themselves correctly . . . we're not getting at the heart of the matter," he observed.

Tom Powrie (Economics) favored Dr. Boyer's "enriched major" over a common first general year when considering the choices universities must make between vocational and liberal education. Students won't

resent an enriched major as a delay in their careers, suggested

Dr. Powrie, but, he cautioned, it will take "special teachers" to make it work. Other areas where universities face choices, noted Dr. Powrie, include class size, teaching and research, and academic standard, accessibility. The latter is one area where you can't have it both ways, he suggested, and if numbers are to be reduced, the weakest students must be excluded.

General discussion touched on students' resistance to 'metaphysical' lectures; the need in the system itself for time for the "love of learning" as well as ways of structuring large undergraduate classes to encourage it; the emphasis on graduate education and research staff necessitating mostly large undergraduate classes with some smaller ones; and greater recognition in the reward system for teaching as well as research. □

Arts Schedules Lunch-Time Forums

The Faculty of Arts is presenting three forums this term on the nature and philosophy of teaching in the Arts. Everyone is invited to these informal, lunch-time sessions to explore the diversity of teaching methods in the Arts Faculty, and the relationship of teaching to other academic activities.

Speakers are recipients of the Faculty's Undergraduate Teaching Award and the GFC Rutherford Award for Excellence in Undergraduate Teaching.

On 13 February, Eugene Lechelt (Psychology) will talk about "Basic Instruction of Large Classes: Big

Need Not be Bad"; on 23 March, Norman Yates (Art and Design) will present "The Changing Centre: The Artist as Teacher"; and on 7 April, Manfred Prokop (Germanic Languages) will discuss "Difficulties and Rewards of Teaching and Learning: Second Languages at the University."

Each forum will start at noon, but in a different location: in TB-W5 Tory Breezeway on 13 February; in the Stollery Centre of the Faculty of Business Building on 23 March, and in the Heritage Lounge of Athabasca Hall on 7 April. Feel free to bring your lunch. □

Author of *The Equality Game* Speaking Here

Nicole Morgan, author of *The Equality Game*, will be on campus 16 February to deliver a talk titled "Affirmative Passions."

Morgan will speak at 2 p.m. in L-3 Humanities Centre.

Her book is an account of women in the public service. Although they make up 42 percent of the public service, most women are clustered at the bottom. While the number of senior women at the top is growing slowly, they occupy only 8 percent of executive positions and only 13 percent of

senior management positions, she writes.

Morgan, a French demographer with degrees from three universities, worked for several years with Bertrand Jouvenal at Futuribles, a Paris forecasting institute.

Her other books are *Nowhere to Go*, in which she predicted "plateauing" (the blockage of career opportunities in a civil service containing too many young senior managers), and *Implosion*, an analysis of the growth of the public service from 1945. □

FOLIO

Volume Twenty-six
Number Twenty-seven

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Public Affairs produces *Folio*
on a regular basis for the
staff and other interested
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University
of
Alberta

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ISSN 0015-5764
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South LRT

'Across the River and Into the Trees'

Construction of the bridge that will carry the LRT across the North Saskatchewan River to the University of Alberta began in November. Edmonton contractor PCL-Maxam was awarded a \$13.36 million contract to build the bridge, with a completion date of June 1990.

The bridge will be built on a line parallel to, and about 70 metres west of, the High Level Bridge and will extend from the north portal just above the Fortway Drive to the south portal midway up the south valley slope.

There will be two LRT tracks on the bridge which will allow simultaneous crossing by LRT trains in opposite directions.

A pedestrian bridge will be suspended below the main structure with spiral ramps leading up from the north bank on the south side of River Road and back down on the south bank to provide access to the Kinsmen Park area. This will permit a lower level river crossing for Edmonton's park users.

The superstructure of the bridge will be a concrete box girder with a depth of 4.6m and a deck width of 10m. The girder will be precast in a shop in south Edmonton in 2.5m long segments that can be readily

trucked to the bridge site and lifted into place. This method of construction, called the balanced cantilever segmental concrete method, originated in Europe and has been used in the United States and Eastern Canada. The bridge will be the first of its kind in Western Canada.

Stuart Olson Construction Inc. has been awarded the contract for the South Portal/Tunnel at a bid price of \$11.59 million. Tunnel excavation is scheduled to start early in 1989, reaching the University Station in the fall of 1990.

Preliminary engineering for the University Station is complete and is under review. Detailed final designs will be completed in the spring and construction is scheduled to start in December 1989.

The design of track work, electrical, signalization, mechanical and communications packages are in the order of 50 to 60 percent complete.

LRT operation to the University Station is scheduled for August 1992.*□

*The above information was drawn from *Newsletter #7*, December 1988, produced by the City of Edmonton Public Works.

Networks of Centres of Excellence Program

Continued from page one

committee faces particular challenges because this program is different from any other Canada has ever had. "The intent is at one and the same time to be funding basic research and yet to be talking about matters of linkages, networking, and [commercial] relevance. And basic research, as a general rule, you don't fund that way," he said. Developing the necessary definitions and guidelines will be difficult, he predicted, while promising that one of the committee's major concerns is to apply their guidelines even-handedly in arriving at their rankings.

Dr. Smith emphasized that despite the importance of the other criteria, only first-class, world-leading science will be considered. "If it isn't excellent, it's just not going to get any farther. And if it is excellent, then we want to be assured of exactly how excellent," he said.

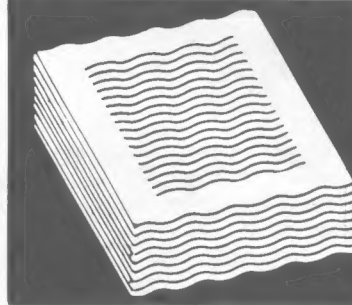
Alberta's interest in this matter is being coordinated by the Ministry of Technology, Research, and Telecommunications. The province has no official involvement in the networks

program, but Rand Harrison of TRT's Planning and Coordination Division said that Alberta is looking at the possibility of providing additional financial support for the federally-funded proposals in which an Alberta institution is the administrative centre or a strong network node.

At this point such funding is being considered only for projects selected in the federal area, but Dr. Harrison did not rule out the possibility of provincial support for proposals not included in the final federal slate. He said, "There's widespread recognition that a tremendous amount of effort has gone into these applications, and that a lot of good proposals won't be funded. So when the dust settles after this process is finished, there will be questions about whether some other good ideas shouldn't be supported."

"Alberta's got a very impressive presence" in the applications being considered, Dr. Harrison said. Between the University of Alberta and the University of Calgary, Alberta researchers are involved in more than 130 of the 158 proposals submitted.□

Currents



'Getting Things Done' Seminar

Would you like to learn how to take better control of your day? Achieve more? Improve your productivity habits? If you answer "yes" to these questions but think you don't have time to go to this seminar, you should attend, suggests Eva Cherniavsky, Administrative Officer (Academic Administration).

The seminar will be held at Lister Hall (8 March, 9 a.m. to 4 p.m.). Registration fee: \$65 (includes luncheon). All staff welcome. Deadline for applications: 15 February. Contact: Gail Bamber, 492-2796.

Soviet Evening News

The Department of Slavic and East European Studies invites all interested persons on campus to watch the evening news program, "Vremia", from the Soviet Union, daily (Monday through Friday) between 11 a.m. and noon. The broadcast can be seen in 4-36 Arts Building. It is all in Russian—no translation service is provided.

Retirement Party for Norman Yates

After 34 years of academic service (teaching drawing and painting) to the University of Alberta, Norman Yates retired last year.



Money Matters

The University of Alberta, which processes an annual cash flow of \$500 million, has retained the Bank of Montreal as the lead banker for its financial operations. Dennis Fitzgerald (Comptroller's Office) says the University will benefit from "a very attractive schedule of rates for services that the bank is performing." The decision to go with the Bank of Montreal was taken after an exhaustive study of a number of proposals that were tendered. Pictured at the 31 January signing of the banking agreement are (from left, front row): the Bank of Montreal's Keith Munro, Senior Vice-President, and Brendan Saunders, Senior Commercial Banking Manager; Dennis Fitzgerald; and Allan Warrack, Vice-President (Administration). In the back row are (left to right): Gordon VanTighem, Senior Commercial Services Manager, Bank of Montreal; Louis Jamernik, Associate Vice-President and Comptroller, U of A; and James Fleming, Director of the University's Investment Office.

A graduate of the Ontario College of Art, Professor Yates had 30 solo shows and 54 group shows in his career, but most campus people would have admired his work through his recently finished mural "West and North", located on the north wall of the Education Building.

He has been a very active member of the art community, locally as well as nationally, having served in a directorial capacity in art organizations across the country between 1960 and 1980. On campus, he worked on many fronts but with "sustained and exceptional concentration" on the development of the graduate program in Art and Design, a leading program in the country.

Although Norman Yates received many honors and awards, his colleagues at Art and Design know that the award he would enjoy most would be the presence of all his friends, under one roof, at one time, celebrating his career.

A reception is being organized for Thursday, 23 March, at 7 p.m. in FAB Gallery. Tickets for the buffet dinner are \$13. Contributions are requested towards a farewell present and the airfares of Norman Yates and his wife, Whynona (suggested amount: \$10). Please make your cheque out to Professor Jorge Frascara and send it to him at the Department of Art and Design, 3-98 Fine Arts Building, indicating the number of tickets you want.

COSS Committee Invites Submissions

The Council on Student Services Standing Committee on Reports and Reviews is currently reviewing "Services available for student appeals, grievances and disciplinary matters." Parties who wish to make submissions to this committee are urged to contact Dr. Al Olson at 492-5860, or write to him at the Department of Secondary Education (338 Education South) before 28 February.

Letters

A Modest Proposal

■ I would like to say, and I am speaking here as a woman, that I fully agree with Gordon Freeman's complaints about the equity program at the University of Alberta. A woman's first and most important task in life is to provide for the survival of the human race: to carry children and to raise them in a stable and loving environment as full human beings.

Accepting this then, we should take the consequences of this important conclusion. If the women do not get academic jobs, why admit them to the university at all, and waste the taxpayers' money? Let them prepare to become mothers and homemakers instead. And for those women who are so selfish that they do not want any children, I say, let's force them. You cannot believe what a woman says anyway, if she says 'no,' she actually means 'yes', everybody knows.

Therefore, we should not be afraid, but accept the practical consequences of Gordon Freeman's ideas. I suggest that from now on, every woman who wants to be admitted to the University of Alberta should undergo a fertility test, exactly the way every future student now has to submit to an English language proficiency test. If the woman either flunks the English exam or passes the fertility test, she should not be admitted, but be forced to become a mother instead. Later, after she has raised the children, she can do some knitting and sewing for the needy, and be more useful to society for a longer time. We should not be afraid of the people, especially those feminists, who think that everybody should be allowed to decide for themselves what they want from life, even if they are women.

Francien Niekus
Department of Geography

Of Family Styles and Academic Appointment

■ I would like to respond briefly to the letters of Professors Freeman and Mulcahy in *Folio* (26 January).

To Professor Freeman: Is there really any evidence that children benefit more from a full-time mother than a full-time father, or from either of these alternatives more than from two parents who equally share the burden (and the joys, to be sure)? I have read studies saying the last is best, and I have read lots of tales of the mistake of relying so heavily on the female parent, but I am sure, as always in this area, the evidence is equivocal. No doubt the two-career family has its problems, but so does every sort of family. I don't think the University should assume that academic couples will mainly opt for the full-time mother alternative, or indeed for any one alternative, but rather stand ready to accommodate a variety of family styles. Ending the overwhelming predominance of males on the academic staff can only further that sort of flexibility.

To Professor Mulcahy: While agreeing that the preeminent criteria for academic appointment must always be excellence in teaching and research, I do not see that all other considerations are necessarily irrelevant. The overwhelming predominance of males on the academic staff is bad for the educational environment, and the University has an obligation to its students to do what it can to remedy that situation to the extent this is possible without seriously damaging the quality of education in other ways. I say that the overwhelming predominance of males is bad for several reasons: (1) It makes the academic ambience considerably less comfortable for women students than would otherwise be the case; (2) it gives students of both sexes a distorted view of the intellectual potentialities of men and women; (3) it discourages capable women from pursuing academic careers, thus narrowing the field of talent from which academics are drawn and ultimately lowering the quality of the academic staff; and (4) it makes it more difficult for points of view which are more likely to arise from women's experience of life than from men's to get a hearing, thus

narrowing the range of intellectual options students can encounter.

I grant that efforts to eliminate the overwhelming predominance of males on the academic staff in the next decade will involve some discrimination against males in academic hiring. But, in principle, I see nothing against the claim that the distortion of the educational ambience justifies a certain amount of discrimination until that distortion is markedly reduced. (A target of a staff 40 percent of whom are women might be reasonable.) Certainly in all appointments there should be a minimum standard of competence in teaching and research, and the candidate chosen should be among the best of those who applied. Perhaps the weightiest reason against a policy of modest discrimination is that just how much discrimination is justified is a matter of judgment on which even reasonable people will disagree. Consequently, a considerable amount of additional acrimony will inevitably be introduced into a process which in the best of times is a source of dissension. My feeling, though, is that the gain in the long run will be worth the pain over the next few years.

Martin M. Tweedale
Department of Philosophy

A Stab at Developmental Psychology

■ Professor Gordon Freeman, after a distinguished career in chemistry, has increasingly begun to delve into developmental psychology. In his offering on employment equity in *Folio* (26 January) he contended that "children seem to have a much larger probability of developing into stable, ethical adults if they have a full-time mother."

Is this an empirical research result? Is it a hypothesis that he has derived from some theory or previous research? Or is it merely his personal belief?

If his claim is empirically based, perhaps he could further enlighten us with the actual probabilities of becoming stable and ethical that were found for the children with full-time mothers and for the children without full-time mothers? What type of research design was employed? Were children with full-time mothers and children without full-time mothers identified, and then followed over time in a longitudinal study to see how they turned out? Or were stable, ethical adults identified and then compared with unstable, unethical adults to see what type of mothering they had? What generation of children was used—those born in the 1930s, 1950s, or 1970s? What other potential causes of instability and unethicality were identified and controlled for? On what basis were the adults classified as being unstable and unethical?

If his claim is only a hypothesis, perhaps he could elaborate on the chain of reasoning that led him to it? But if it is merely his personal belief, perhaps he could candidly reveal that?

Robert Frender
Department of Educational Psychology

Medicine Holding Open House

As part of University Orientation Days to be held during Reading Week, the Faculty of Medicine will hold its second annual Open House on 23 and 24 February from 11 a.m. to 4 p.m. in the foyer of the second floor, Medical Sciences Building. Attractions will include medical research and clinical displays, hands-on demonstrations, sample lectures, admissions information, graduate student

opportunities, and tours of the U of A Hospitals.

Come and join in the fun.

All those interested in attending may come directly to the Medical Sciences Building or visit the information booth in the Central Administration Building where students will be on hand to guide visitors to the Medical Sciences Building. □

Profile: Elsie Eftoda, Head Cook, Kitchen Supervisor, CAB Cafeteria

Even in the midst of a blizzard with swirling snow and howling winds, you find Elsie Eftoda in the cafeteria kitchen before 7 a.m. checking on CAB's celebrated cinnamon buns.

One of the cooks has started the first batch at 5:30 a.m. "We do approximately 40 dozen daily," estimates Eftoda, but you have to be quick to get one of the prized treats. "They're usually gone by 10:30 or 11 a.m."

People wax nostalgic about these buns, they hold them in mind as a standard of excellence, once they've smelled that aroma of warm cinnamon and sugar wafting from the kitchen, once they've tried them. "They're very tasty, so light . . . there's none that can compare actually," says Eftoda proudly about the buns she describes as "big and gooey." They look different, too. "They're not the usual rolled and cut type," she adds.

The recipe for the buns under Eftoda's care is indeed the original handed down from the Tuck Shop. It's been published before but CAB's luck with it seems unrivalled. "Anybody who has tried making them hasn't been too successful," Eftoda shrugs. Hard to say why. "It's a very simple sweet dough," she explains. "We use

fresh yeast, that can be purchased only at bakeries, sugar, margarine, flour and salt. The dough is cut in four-ounce portions and stretched to six to eight inches, then rolled in a sugar cinnamon mixture and tied in simple knots." The buns are baked a dozen to a tray. "We have to be careful so they don't burn and be very gentle when we put them in the oven so they don't fall," Eftoda cautions.

As well as supervising the preparation of the buns and baking them herself during the summer and whenever staff is away, Eftoda makes the pastas and sauces and the main entrees for lunch at the CAB cafeteria.

Competition buns on the market haven't really interfered with CAB's sales, notes Eftoda. And CAB's buns are still quite a bargain. "Just like everything else, they've increased a certain amount," she allows, but the price is still only 90 cents apiece.

And like so many other people, some of whom come back to campus from thousands of miles away and head to the cafeteria to savor a favorite memory, the head cook herself admits somewhat of an 'addiction' to CAB's cinnamon buns. "I limit myself to about one a week," she says, adding, "I could never get tired of them." □



Elsie Eftoda and the CAB Cafeteria staff like having a winner on their hands.

U of A Photo Services

Information Session for APOs (Reminder)

Date: 10 February

Time: 10:30 a.m. to noon

Place: Council Chamber, University Hall

Agenda

Introduction

The President

University Secretariat

President's Advisory Committee on Sexual Harassment

Information Officer, Appeals and Grievances

Speaker: Ellen Solomon Schoeck, Director, University Secretariat

Equity Adviser to the President

Speaker: Doris Badir, Equity Adviser

Office of the Vice-President (Academic)

Speaker: Dianne Kieren, Associate Vice-President (Academic)

Office of the Vice-President (Research)

Speakers: C. Robert James, Vice-President (Research), and Robert E. Armit, Director, Office of Research Services

Questions from the floor

Talks

Soil Science

9 February, 12:30 p.m. A.C.J. Sickinga, "Tractor-Induced Densification in Cultivated Agricultural Soils." 2-36 Earth Sciences Building.

16 February, 12:30 p.m. R.W. Howitt, "Digital Models of Soil Translocation on the Landscape." 2-36 Earth Sciences Building.

CITL

9 February, 2 p.m. Jack Phelan, Grant MacEwan College, "Small Groups in the Classroom: An Excellent Teaching Strategy." 2-33 Humanities Centre.

Chemical Engineering

9 February, 3 p.m. Don Quon, "Implications of Continental Energy Markets." E342 Chemical-Mineral Engineering Building.

Rural Economy

9 February, 3:15 p.m. Peter Chen, "The Market Demand for Meats in Canada: An Applied Demand System Analysis." 519 General Services Building.
13 February, 3:15 p.m. Richard Haigh, "Coping With Stress on the Family Farm: A Look at Recent Research." 519 General Services Building.

Women's Studies Program

9 February, 3:30 p.m. Dorothy Smith, Department of Sociology in Education,

Ontario Institute for Studies in Education, "Everyday World as Problematic: A Feminist Sociology." L-2 Humanities Centre.

10 February, 3 p.m. Professor Smith, "Taking the Blame: What Mothers do for Schools." L-3 Humanities Centre.

16 February, 2 p.m. Nicole Morgan, author of *The Equality Game*, "Affirmative Passions." L-3 Humanities Centre.

Entomology

9 February, 4 p.m. Greg Pohl, "Taxonomic Status of *Patrobis* Species (Coleoptera: Carabidae)." TBW-1 Tory Breezeway.

16 February, 4 p.m. J.J.B. Smith, Department of Zoology, University of Toronto, "Thought for Food: How a Minute Wasp (*Trichogramma*) Estimates the Volume of its Host Egg." TBW-1 Tory Breezeway.

Canadian Mediterranean Institute

9 February, 7:30 p.m. Brian Alsopp, local architect, "Classical Motifs, Modern Architecture: The Example of Edmonton." Provincial Museum.

Strathcona Archaeological Society

9 February, 8 p.m. Pamela Willoughby, "The Archaeology of Human Origins in

East Africa." Provincial Museum Auditorium.

Medical Microbiology and Infectious Diseases

10 February, noon. Rakesh Sharma, "A Report on Twar Strains of *Chlamydia*." 2J4.02 Mackenzie Health Sciences Centre.

17 February, 12:15 p.m. Robert S. Fujinami, Department of Pathology, University of California at San Diego, "Molecular Mimicry—A Mechanism of Autoimmunity." 2J4.02 Mackenzie Health Sciences Centre.

Plant Science

10 February, 12:30 p.m., G. Dunn, "Specific ion Effects on Plant Growth in Salt Affected Soils." 1-06 Agriculture/Forestry Centre.
17 February, 12:30 p.m. H. Klein-Gebbinck, "Expansion of Plant Disease Foci." 1-06 Agriculture/Forestry Centre.

Physics

10 February, 2 p.m. P. Piercy, "Critical Phenomena at a Solid Surface." V-121 Physics Building.
13 February, 2 p.m. I.M. Khalatnikov, director, L.D. Landau Institute, Moscow, "Recollections of Lev Landau." V-121 Physics Building.
14 February, 2 p.m. Professor Khalatnikov, "Canonical Methods in Classical Hydrodynamics and Hydrodynamics of Quantum Liquids, and Related Nonlinear Phenomena." P631 Physics Building.

Animal Science

10 February, 3 p.m. Brian Cameron, "The History of Infertility in the Dairy Industry." 1-13 Agriculture-Forestry Centre.
17 February, 3 p.m. Danladi A. Ameh, "The Influence of Food Fads and Faddism on Nutrition in Nigeria." 1-13 Agriculture-Forestry Centre.

Zoology

10 February, 3:30 p.m. John Allen, University of Saskatchewan, "Host—Ectoparasite Interactions; Mosquitoes, Ticks and Mammals." M-149 Biological Sciences Centre.
17 February, 3:30 p.m. Thomas Whitham, University of Saskatchewan, "Hybrid Zones as 'Genetic Sinks' for Herbivores." M-149 Biological Sciences.

Alberta Heritage Foundation for Medical Research

10 February, 4 p.m. Sture Forsen, University of Lund, Lund, Sweden, "Site Directed Mutagenesis and Structure Function Relations in Calcium Binding Proteins." 4-70 Medical Sciences Building.

Canadian Institute of Ukrainian Studies

10 February, 7:30 p.m. Frances Swyripa, "The Immigrant Pioneer Woman as a Reflection of Ukrainian-Canadian Identity." Heritage Lounge, Athabasca Hall.

Faculty of Arts Teaching Committee

13 February, noon. Eugene Lechelt, "Basic Instruction of Large Classes: Big Need Not Be Bad." TB-W5 Tory Breezeway.

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Boreal Institute for Northern Studies and Zoology

13 February, noon. Doug Heard, Department of Renewable Resources, Government of the NWT, "South Hampton Island Caribou: Management of an Irrupting Population." B-105 Biological Sciences Centre.

Nursing and Medicine

13 February, noon. Hope C. Solomons, professor emeritus, College of Nursing, University of Iowa, "Accidents and Injuries in Daycare." 6-101 Clinical Sciences Building. (Funded by AHFMR.)
13 February, 4 p.m. Gerald D. Solomons, professor emeritus of pediatrics, University of Iowa, "A Four State Approach to the Problem of Child Abuse in the United States." 2F1.04 Mackenzie Health Sciences Centre, Classroom D. (Funded by AHFMR.)

Music

13 February, 2 p.m. R. Murray Schafer, "Music and Media." 1-29 Fine Arts Building.

Slavic and East European Studies

13 February 3 p.m. Alexander J. Matejko, "The Chances of a Civil Society in Eastern Europe." 436 Arts Building.

Geography and Botany

13 February, 3 p.m. Jim Basinger, Department of Geological Sciences, University of Saskatchewan, "High Latitude Floras and Tertiary Climatic Change." M-149 Biological Sciences Centre.

English

13 February, 4 p.m. A panel discussion in the series "English Studies: Pedagogies, Publishing, Politics." Topic: "Interdisciplinary Studies." Chair: Janice Williamson. Panel: Bridget Elliott, Lynda Lange, Ian MacLaren. 5-20 Humanities Centre.
14 February, 4 p.m. G. Burger, "Repositioning the Self: Alterity and Closure in Chaucer's *The Book of the Duchess*." 5-20 Humanities Centre.

Geography

14 February, 3:30 p.m. Elizabeth McIver, Department of Biology, University of Saskatchewan, "Fossil Floras and Paleoclimatic Change of Northern Interior North America." 2-99 Tory Building.
17 February, 10 a.m. Brian Luckman, Department of Geography, University of Western Ontario, and Geological Survey of Canada, "Global Change." TBW-2 Tory Building.
17 February, 3 p.m. Professor Luckman, "Holocene Environmental Changes in the Canadian Rockies." TBW-2 Tory Building.

Library and Information Studies

15 February, noon. Andre Nitecki and Susan Powelson, "Whose Library? Two Views on Two Libraries in China." 3-01 Rutherford South.

Sociology

15 February, 12:05 p.m. Lou Pagliaro, "Drug Abuse Among Professionals." 5-15 Tory Building.

Statistics and Applied Probability

15 February, 3 p.m. Dave Jobson, "Some Inference Procedures for Financial Portfolios." 657 CAB.

Heritage Cardiovascular Disease Group

16 February, noon. Frank X. Witkowski, "Mapping of Cardiac Defibrillation." 2G2.01 Mackenzie Health Sciences Centre.

Boreal Institute for Northern Studies

16 February, 12:30 p.m. Ken East, superintendent, Wood Buffalo National Park, "The Future of Bison in Wood Buffalo National Park." 14-6 Tory Building.

Canadian Studies

16 February, 3:30 p.m. Ken East will discuss the co-management of parks. L-4 Humanities Centre.

The Arts

Studio Theatre

Until 11 February. "The Cherry Orchard." Performances at 8 p.m. Tickets: \$5 and \$6. 432-2495.

Exhibitions FAB Gallery

Until 12 February. "Izabella Gustowska and Krystyna Piotrowska: Print and Video Works."

Historic Costume and Textile Study Collection

Until 28 February. "Gifts to the Collection—"a selection of costumes, accessories and cross-cultural textiles. Basement, Home Economics Building.

Bruce Peel Special Collections

Until 25 March. "Three Centuries of John Bunyan: The Progress of a Pilgrim." B-7 Rutherford South.

Music

10 February, 8 p.m. Opera Performance—"Die Fledermaus." William Shookhoff, conductor and Elsie Hepburn, artistic director. Admission: \$5/adults; \$3/students and seniors.
13 February, 8 p.m. Visiting Artists—"The Lyric Chamber Players."
14 February, 8 p.m. Student Composers Concert.
15 February, 8 p.m. Faculty Recital—Alan Ord, bass, accompanied by Grant Hurst, pianist.
All events in Convocation Hall.

Edmonton Youth Orchestra

19 February, 3 p.m. Edmonton Youth Orchestra #1 featuring senior winners of North Alberta Concerto Competition. Admission: Adults/\$5; students and

seniors/\$3—available at door. 436-7932. Convocation Hall.

Edmonton Chamber Music Society

22 February, 8 p.m. "The Cleveland Duo and Franklin Cohen." Admission by season membership. 433-8102. SUB Theatre.

Sports

Basketball

10 and 11 February, 6:30 p.m. Pandas vs. University of Saskatchewan.
10 and 11 February, 8:15 p.m. Golden Bears vs. University of Saskatchewan.

Field Hockey

11 and 12 February, 8 a.m. to 4 p.m. Panda Field Hockey Tournament.

Volleyball

17 and 18 February, 6:30 p.m. Pandas vs. UBC.
17 and 18 February, 8 p.m. Golden Bears vs. UBC.

Hockey

17 and 18 February, 7 p.m. Golden Bears vs. University of Regina.

Intramural Programs

Open to academic and non-academic staff as well as to students. 432-5705.

Men's Program

27 and 28 February and 1 and 2 March, 7:30 p.m. Men's Field Hockey Tournament. Entry deadline: 14 February, 1 p.m.
4 March, 11 a.m. Men's Slalom Ski M. Rabbit Hill. Entry deadline: 28 February, 1 p.m.

Women's Program

28 February to 9 March. Volleyball Tournament. Education and Main Gyms. Entry deadline: 14 February, 1 p.m.
4 March, 11 a.m. Slalom Ski. Rabbit Hill. Entry deadline: 28 February, 1 p.m.

Co-Rec Intramurals

6 March to 6 April. Last Fling Volleyball Leagues. Pavilion. Entry deadline: 16 February, 1 p.m.

Positions

The University of Alberta is committed to the principle of equity in employment. In accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Academic EDP Auditor

A challenging opportunity exists for an individual with investigative skills and analytical abilities. Reporting to the Manager, Internal Audit, you will p and conduct audits of the University computerized financial and administrative systems. This will include

both technical and applications systems resident on mainframe and microcomputers. You will also provide the technical communication link between data processing staff and the audit department. The audit activities will require extensive contacts with senior University management.

Qualifications: university degree with a professional accounting designation. This will be supported by several years of audit theory and practice as well as detailed EDP experience. Experience in computer system design and some programming skills and a good knowledge of microcomputers is required. Excellent communication skills are essential.

Salary range: \$32,992 to \$49,504 per annum.

Deadline for applications: 17 March 1989.

Please apply in confidence to: Fiona J. Chesney, CA, Manager, Internal Audit Department, 234 Athabasca Hall, University of Alberta, Edmonton, Alberta T6G 2E8.

Administrative Professional Officer, Faculty of Nursing

The Faculty of Nursing invites applications for the position of Administrative Professional Officer.

Reporting directly to the Dean, the Administrative Professional Officer is accountable for the efficient business management of the Faculty, including budget, personnel management, timetabling and student registration, and acts as resource person on administrative matters.

Salary will be commensurate with qualifications and experience. The current salary range is \$28,262 to \$42,398 per annum.

The anticipated date of appointment is 1 March 1989.

Applications, including curriculum vitae and the names of three referees, should be forwarded to: Dr. M. Wood, Dean, Faculty of Nursing, 3-119 Clinical Sciences Building, University of Alberta, Edmonton, Alberta T6G 2G3.

Support Staff

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 492-5201. Due to publication lead time and the fact that positions are filled on an ongoing basis, these vacancies cannot be guaranteed beyond 3 February. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in PSSR.

Clerk Steno II (Part-time, Trust), Pathology, (\$638-\$792) (prorated)
Clerk Steno II, (Part-time), Entomology, (\$1,021-\$1,267) (prorated)
Clerk Typist II (Trust), Anatomy and Cell Biology, (\$1,276-\$1,584)
Clerk Steno III (Trust), Lipid and Lipoprotein Research Group, (\$1,421-\$1,785)
Clerk Steno III, Occupational Therapy, (\$1,421-\$1,785)
Clerk Steno III, Dean of Science (\$1,421-\$1,785)
Clerk Steno III, Zoology, (\$1,421-\$1,785)
Clerk Typist III, Health Sciences Laboratory Animal Services, (\$1,421-\$1,785)
Clerk Typist III, Office of the Vice-President (Academic), (\$1,421-\$1,785)
Archival Records Clerk (Term to September 1989), Office of the Registrar, (\$1,421-\$1,785)
Library Clerk III, Faculté Saint-Jean, (\$1,421-\$1,785)

Secretary (Trust), Medicine (Multiple Sclerosis Clinic), (\$1,584-\$2,023)
Office Services Senior Clerk (Term to 16 July 1989), Special Sessions, (\$1,785-\$2,297)
Departmental/Executive Secretary (Trust), Plant Science, (Alberta Research Council), (\$1,785-\$2,297)
Departmental/Executive Secretary, University Secretariat, (\$1,785-\$2,297)
Animal Assistant II, (Part-time/Hourly), Health Sciences Laboratory Animal Services, (\$9.37/hour)
Technician I (Trust), Medicine (Dermatology), (\$1,643-\$2,109)
Technician I (Trust/term to 1 April 1991), Psychiatry, (\$1,643-\$2,109)
Biology Technician II/Technologist I (Trust), Genetics, (\$1,863-\$2,611)
Engineering Technologist II, Physical Plant, (\$1,939-\$2,504)
Administrative Assistant I, Faculty of Extension, (Business and Professional Programs), (\$2,023-\$2,611)
Typographical Tradesman III, Printing Services, (\$2,109-\$2,730)
Technologist II (Split-funded), Home Economics (Clothing and Textiles), (\$2,200-\$2,851)
Chemical Technologist II, Animal Science, (\$2,200-\$2,851)
Electronics Technician III, Physical Plant, (\$2,200-\$2,851)
Technician IV, Physics, (\$2,397-\$3,113)
Programmer Analyst II, Computer Engineering, (\$2,397-\$3,113)

For vacant Library positions, telephone 492-3790.

Library Assistant II, Library (Cataloguing), (\$1,643-\$2,109)

Director/Coordinator Institutional Research Planning and Evaluation Lethbridge Community College Competition No. 89-14

The position reports to the President and is accountable for the policies and procedures which guide the attitudes and actions of the institution in the planning and evaluation process. Foremost is a commitment to the mission of Lethbridge Community College. The office will also be responsible for the completion of reports and the implementation of internal research and evaluation projects. The office will coordinate the strategic and long-range planning efforts of the College in cooperation with the budget officer/committee. The Coordinator provides direct support to the President and assistance to the Board, Vice-Presidents, and Deans in enhancing the College's operations.

Candidates will preferably have a master's degree with course work in statistics and a minimum three years' work experience in research preferably in an educational environment.

The position offers a very attractive salary and benefits plan.

Applications for this position must be submitted to the following address by 13 February 1989: Human Resources Office, Lethbridge Community College, 3000 College Drive South, Lethbridge, Alberta T1K 1L6.

Advertisements

Accommodations available

Victoria properties - Experienced, knowledgeable realtor with Edmonton references will answer all queries, and send information. No cost or obligation. Call collect (604) 592-3666, Lois Dutton, Wessex Realty, Victoria, B.C.

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Five-bedroom, faculty home, fully furnished, excellent location. Photos available. 433-8510, 432-2816.

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Sale - Aspen Gardens. Incomparable, unique, custom-built, newly-renovated, four-level split. Corner lot, 1,780', open beam, immaculate. \$137,500. 437-3643.

Sale - Walking distance to University and river valley. Two storeys, three bedrooms, single garage, large lot. Luke Flanagan, 448-6000. NRS Realty.

Sale - University area, Belgravia. Spectacular, contemporary, two storeys, three bedrooms plus den, enclosed sunroom. Beautiful condition. Asking \$158,000. Ed Lastiwka, 437-7480, 437-4984, Royal LePage Realty.

Sale - University area. \$87,500. Beautifully maintained, three-bedroom semi. Nicely treed yard, excellent location. A pleasure to view. Ed Lastiwka, Royal LePage Realty, 437-7480, 437-4984.

Accommodations wanted

Architect's family, presently housesitting for study leave, interested in

providing this service for 1-2 years. University area, commencing anytime-September 1989. 439-1872 after 6 p.m.

Goods for sale

Cash paid for appliances, 432-0272. Mac users - Hard drives 20MB \$889, 40MB \$989, 60MB \$1,089 with two-year warranty, support and free gift. The Byte Track, 493-8121.

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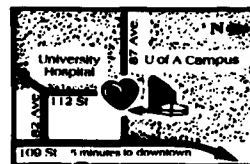


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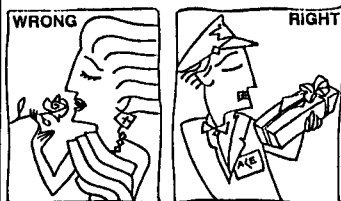
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For further information, contact:

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